WEST

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| Main Menu | Search Form | Posting Counts | Show S Numbers | Edit S Numbers | Preferences | Cases |

Search Results -

Terms	Documents
L14 and l21	3

Database:

- US Patents Full-Text Database
- US Pre-Grant Publication Full-Text Database
- JPO Abstracts Database
- EPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search:

| Refine Search |

| Recall Text ⬍ | | Clear |

Search History

DATE: Sunday, December 01, 2002   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L22	L14 and l21	3	L22
L21	L20 and meta same information	43	L21
L20	L19 and multiple same party	260	L20
L19	search same engines	7385	L19
L18	L17 and multiple same party	1	L18
L17	meta adj search adj engines	42	L17
L16	(((709/245)!.CCLS.))	688	L16
L15	(((709/227)!.CCLS.))	1215	L15
L14	(((709/224)!.CCLS.))	1721	L14
L13	(((709/218)!.CCLS.))	879	L13
L12	(((709/$)!.CCLS.))	20893	L12
L11	(((345/968)!.CCLS.))	112	L11
L10	(((345/866)!.CCLS.))	294	L10
L9	(((345/$)!.CCLS.))	48814	L9
L8	(((707/$)!.CCLS.))	17476	L8
L7	(((707/10)!.CCLS.))	2522	L7
L6	(((707/7)!.CCLS.))	556	L6
L5	(((707/6)!.CCLS.))	806	L5
L4	(((707/4)!.CCLS.))	1139	L4
L3	(((707/2)!.CCLS.))	1229	L3
L2	(((707/5)!.CCLS.))	993	L2
L1	((707/3)!.CCLS.)	2284	L1

END OF SEARCH HISTORY

WEST

End of Result Set

☐ [Generate Collection] [Print]

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     L21: Entry 43 of 43                    File: USPT              Oct 20, 1998

US-PAT-NO: 5826261
DOCUMENT-IDENTIFIER: US 5826261 A

TITLE: System and method for querying multiple, distributed databases by selective
sharing of local relative significance information for terms related to the query

DATE-ISSUED: October 20, 1998

INVENTOR-INFORMATION:
NAME                      CITY           STATE     ZIP CODE      COUNTRY
Spencer; Graham           Cupertino      CA        95014

APPL-NO: 08/ 644302    [PALM]
DATE FILED: May 10, 1996

INT-CL: [06] G06 F 17/30

US-CL-ISSUED: 707/5; 707/1, 707/2, 707/3, 707/10
US-CL-CURRENT: 707/5; 707/1, 707/10, 707/2, 707/3

FIELD-OF-SEARCH: 707/5, 707/1, 707/2, 707/3, 707/10

PRIOR-ART-DISCLOSED:
```

U.S. PATENT DOCUMENTS

[Search Selected] [Search ALL]

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	5321833	June 1994	Chang et al.	707/5
☐	5640553	June 1997	Schultz	707/5
☐	5659732	August 1997	Kirsch	707/5

OTHER PUBLICATIONS

K. Obraczka, et al., "Internet Resource Discovery Services", IEEE, pp. 8-22, Sep. 1993.
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B. Yuwono, et al., "Search and Ranking Algorithms for Locating Resources on the World Wide Web", IEEE, pp. 164-171, 1996.
P. Danzig, et al., "Distributed Indexing: A Scalable Mechanism for Distributed Information Retrieval", Proceedings of the 14th Annual International ACM/SIGIR Conference, pp. 220-229, Oct. 1991.
L. Gravano, et al., "The Effectiveness of GIOSS for the Text Database Discovery Problem", Proceedings of the 1994 ACM SIGMOD, pp. 126-137, Jun. 1994.
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Wilkinson, R. and Hingston, P., "Using the Cosine Measure in a Neural Network for
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Simpson, P., "Query Processing in a Heterogeneous Retrieval Networks", 11th
International Conference on Research & Development in Information Retrieval, pp.
359-370, 1988.
Korfhage, R.R., "To See, or Not to See--Is That the Query?", ACM/SIGIR Proceedings
of the 14th International Conference on Research & Development in Information
Retrieval, pp. 134-141, 1991.

ART-UNIT: 271

PRIMARY-EXAMINER: Black; Thomas G.

ASSISTANT-EXAMINER: Min; Donald

ABSTRACT:

A system, method, and various software products provide improved information
retrieval performance from multiple document databases by retrieving from the
multiple document databases in response to a user query, a set of documents that
globally satisfy the query, even though each database maintains independent document
indices, term frequency information, and scoring functions. The global search result
approximates, to any desired degree of error, the search results that would have
been obtained had the multiple document databases been globally indexed. This is
done by sharing at the time the query is executed, a small subset of information
about the local relative significance of terms related to the user's query, and from
this information, determining a global relative significance of such terms. From the
global relative significance, the individual document databases determine their
query results, which are then merged into a global set of documents satisfying the
query. The shared local relative significance information may be the inverse
document frequency of each of a number of terms related to the query, or it may be
the total frequency of each of such terms. The global relative significance may
correspondingly be a global inverse document frequency, or a global term frequency
from which the global inverse document frequency is calculated.

38 Claims, 7 Drawing figures